



7-20-05

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PTO/SB/21 (09-04)

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

|  |                       |
|--|-----------------------|
| Application Number                       | 10/627,592            |
| Filing Date                              | July 25, 2003         |
| First Named Inventor                     | Vander Horn, Peter B. |
| Art Unit                                 | 1652                  |
| Examiner Name                            | Richard Hutson        |
| Total Number of Pages in This Submission | 020130-001420US       |

### ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form (in duplicate)                        | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                             |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences      |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                  | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                  | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):          |
| <input type="checkbox"/> Express Abandonment Request                                | <input type="checkbox"/> Terminal Disclaimer                              | Cited References B2-B7; Return Postcard  |
| <input checked="" type="checkbox"/> Information Disclosure Statement with PTO/SB/08 | <input type="checkbox"/> Request for Refund                               |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                     | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application             | <input type="checkbox"/> Landscape Table on CD                            |  |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53           |   |  |
|   | <b>Remarks</b>  | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

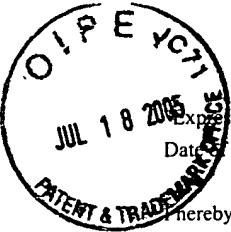
|              |                                    |          |        |
|--------------|------------------------------------|----------|--------|
| Firm Name    | Townsend and Townsend and Crew LLP |          |        |
| Signature    |                                    |          |        |
| Printed name | Jean M. Lockyer, Ph.D.             |          |        |
| Date         | July 18, 2005                      | Reg. No. | 44,879 |

### CERTIFICATE OF TRANSMISSION/MAILING

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| Signature             |                |      |            |
| Typed or printed name | Anna C. Kundel | Date | 07/18/2005 |



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Date of Deposit July 18, 2005

PATENT

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By:

Anna C. Kundel

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VANDER HORN, Peter B.

Application No.: 10/627,592

Filed: July 25, 2003

For: METHODS OF MAKING HYBRID PROTEINS

Examiner: Richard Hutson

Art Unit: 1652

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

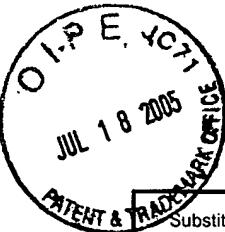
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Jean M. Lockyer, Ph.D.  
Reg. No. 44,879

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Substitute for form 1449A&amp;B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|       |   |    |   |                        |                 |
|-------|---|----|---|------------------------|-----------------|
| Sheet | 1 | of | 1 | Attorney Docket Number | 020130-001420US |
|-------|---|----|---|------------------------|-----------------|

**Complete if Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | 10/627,592            |
| Filing Date          | July 25, 2003         |
| First Named Inventor | Vander Horn, Peter B. |
| Art Unit             | 1652                  |
| Examiner Name        | Richard Hutson        |

| U.S. PATENT DOCUMENTS* |                       |                 |                                   |                                |  |
|------------------------|-----------------------|-----------------|-----------------------------------|--------------------------------|--|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document |
|                        |                       | Number          | Kind Code <sup>2</sup> (if known) |                                |  |
| B1                     |                       | US-5,093,257    |                                   | 03-03-1992                     | Gray   |
|                        |                       |                 |                                   |                                |  |
|                        |                       |                 |                                   |                                |  |
|                        |                       |                 |                                   |                                |  |
|                        |                       |                 |                                   |                                |  |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
|--------------------|-----------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
| B2                 | WO                    | 97/07202                  | A1                  |                                   | 02-27-1997                     | Novo Nordisk A/S                                      |  | <input type="checkbox"/> |
| B3                 | WO                    | 97/07205                  | A1                  |                                   | 02-27-1997                     | Novo Nordisk A/S                                      |  | <input type="checkbox"/> |
| B4                 | WO                    | 01/27632                  | A2                  |                                   | 04-19-2001                     | Cambridge Drug<br>Discovery                           |  | <input type="checkbox"/> |
|                    |                       |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |

## NON PATENT LITERATURE DOCUMENTS

|                     |                       |   |                          |
|---------------------|-----------------------|---|--------------------------|
| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|                     | B5                    | ALTAMIRANO, M. et al., "Directed evolution of new catalytic activity using the $\alpha/\beta$ -barrel scaffold," <i>Nature</i> , February 10, 2000, Vol. 403, pp. 617-622   | <input type="checkbox"/> |
|                     | B6                    | FARINAS, E., et al., "Directed enzyme evolution," <i>Curr. Opin. Biotechnol.</i> , 2001, Vol. 12, No. 6, pp. 545-551  | <input type="checkbox"/> |
|                     | B7                    | VAN KAMPEN, M., et al., "Substrate Specificity of <i>Staphylococcus hyicus</i> Lipase and <i>Staphylococcus aureus</i> Lipase as Studied by in Vivo Chimeragenesis," <i>Biochemistry</i> , 1998, Vol. 37, pp. 3459-3466.  | <input type="checkbox"/> |
|                     |                       |   |                          |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.